



April 24, 2015

To: Executive Board

Subject: **Contract Amendment – Architectural and Engineering Design for the Azusa Intermodal Parking Facility**

Recommendation

Authorize the Executive Director to execute Amendment No. 9 to Contract No. 11-036 with Choate Parking Consultants in the amount of \$52,735 for additional architectural and engineering services for the Azusa Intermodal Parking Facility Project.

Analysis

At the March 20, 2015 Executive Board Meeting, the Board authorized the Executive Director to exercise an available contract option and negotiate final terms and conditions with the bus manufacturer, Proterra LLC, to procure thirteen Catalyst XR electric buses. Also at that board meeting it was indicated that the construction of the Azusa Park & Ride created an excellent opportunity to run the 13 electric buses on Line 280. Line 280, a 22-mile roundtrip route from Azusa to Puente Hills Mall Transit Center will be the second opportunity to fully electrify a Foothill Transit route.

The construction of the Azusa Intermodal Parking Facility began in January 2015 with a substantial completion date in late December 2015. The installation of the underground utilities is well underway and scheduled to be complete by the end of April. Although the construction of the new concrete bus access road is slated to begin in September 2015, the design of the underground conduit provisions must be developed in a timely manner so as to not affect the construction schedule.

The current design of the Azusa Intermodal Parking Facility will need to be revised to reflect the new underground infrastructure for two electric bus charging stations. Architectural and engineering design will need to be performed to ensure power can be modified to meet the requirements needed to charge the buses.

In addition to the underground electrical conduit provisions, two additional bus shelters adjacent to the parking structure, including roadway improvements, new curb design and a new crosswalk will be required. The existing approved construction documents will need to be revised to include



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new planting, irrigation from the current bus layover area to the new bus stops and shelters.

Lastly, during the installation of the eight-inch and 16-inch water lines, a redesign of the water line was required due to unforeseen conditions at the point of connection for the 16-inch line. Redesign was required for the eight-inch water line in order to meet Azusa Light & Water minimum clearance requirements. There were several underground conditions where there were tight constraints with the new installation of the sewer, water, storm drain, power, and telephone lines. New water profiles, water details and continued coordination with Azusa Water resulted in additional civil and architectural services of \$6,870.

This recommended amendment to Contract No. 11-036 brings the total contract value to \$1,361,786. Below is a summary of contract amendments to date.

Contract No. 11-036	Contract Amount	Comments
Base contract- Phase 1	\$275,700	Site selection and design support for NEPA & CEQA approval
Amendment #1 - Phase 1	\$0	Reflect DBE participation
Amendment #2 - Phase 1	\$58,330	Additional study required for the Alternative #2 location (north of railroad tracks)
Amendment #3 - Phase 2	\$872,796	Provide a/e services for design of parking facility
Amendment #4 - Phase 2	\$29,941	Redesign for sawtooth bus stop configuration
Amendment #5 - Phase 2	\$13,175	Additional design required for striping, signage, future LPR, parking stalls designation
Amendment #6 - Phase 2	\$25,339	Additional Geotechnical Study required. QSP services required during construction for SWPPP.
Amendment #7- Phase 2	\$25,255	Preparation of Entitlement, Survey and Mapping services for subject lots.
Amendment #8- Phase 2	\$8,515	Additional a/e services for conduit provisions for Metro
Amendment #9- Phase 2	\$52,735	Underground conduit provisions for electric bus charging stations, new bus shelters and crosswalk, redesign of 8 inch and 16 inch water line.
Total	\$1,361,786	



Budget Impact

Foothill Transit's current Business Plan includes funding for the Azusa Park & Ride Project. Additional cost for architectural and engineering services for the future installation of the electric bus charging station will be included in the electric bus charging station infrastructure program for fiscal year 2015-2016.

Sincerely,

A handwritten signature in blue ink, appearing to read 'SAR' followed by a stylized flourish and the letters 'for'.

Sharlane R. Bailey
Director of Facilities

A handwritten signature in blue ink, appearing to read 'DJB' followed by a stylized flourish.

Doran J. Barnes
Executive Director